

CLAIMS

1. A packaging and display box (100) for an osteosynthesis kit (10), said osteosynthesis kit (10) comprising at least one plate (12) and at least one 5 osteosynthesis screw (14), wherein the box comprises a bottom portion (110) and at least one lid portion (120), said bottom portion comprising a bottom wall (112) and a side wall (114) upwardly extending the bottom wall (112) around its entire periphery, thereby defining a storage 10 space (130), functional means (160) making said lid portion (120) movable relative to said bottom portion between an open position and a closed position, wherein said box further comprises reversible closure means (170) placed on said bottom portion (110) and on said lid 15 portion (120) and suitable for co-operating in said closed position, and wherein said box further comprises housing means (140) for housing said osteosynthesis kit (10), said housing means (140) being suitable for being held in said storage space (130) and comprising at least 20 one insert (142, 144, 146), said housing means being provided with at least one cavity (142) for receiving at least one osteosynthesis plate (12) and at least one cell (144a, 144a') for receiving at least one osteosynthesis screw (12).

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2. A box (100) according to claim 1, wherein said cavity (142) includes a support face (142a) for supporting said osteosynthesis plate (12), which face is provided with hollow zones (142b, 142b').

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3. A box (100) according to claim 2, wherein said support face (142a) is also provided with projecting zones (142c).

35 4. A box (100) according to claim 3, wherein said support face for supporting said osteosynthesis plate is provided with ribs (142c) and with grooves (142b').

5. A box (100) according to claim 1, wherein said cavity (142) includes a support face (142a) for supporting said osteosynthesis plate (12), which face is provided with
5 retaining means (142b, 141) for co-operating reversibly with said osteosynthesis plate (12).

10 6. A box (100) according to claim 1, wherein it further comprises a heat-sealable film (150) enclosing said storage space (130).

15 7. A box (100) according to claim 1, wherein said face of the bottom wall (112) facing away from said storage space (130) is provided with an identification medium (180) carrying information relating to said osteosynthesis kit (10).

20 8. A box (100) according to claim 1, wherein said housing means are formed by a one-piece insert (140).

25 9. A box (100) according to claim 1, wherein said housing means comprise at least one first insert (140) including said cavity (142), and at least one second insert (144) including said cell (144a).

30 10. A box (100) according to claim 9, wherein said housing means further comprise a third insert (146) defining at least one cell (144a') for receiving an osteosynthesis screw (14).

35 11. A box (100) according to claim 1, wherein said cell (144a, 144a') is formed by a hollow recess of shape that is complementary to said screw (14) so that the head of the screw (14) is situated in the opening (144d) of said recess.

12. A box (100) according to claim 11, wherein said hollow recess (144a') presents a longitudinal direction going from its opening (144d') to its bottom (144e'), said longitudinal direction being inclined relative to 5 said bottom wall (112) so that the distance between the bottom (144e') and the opening (144d') of said hollow recess (144a') is longer than the height of the side wall (114) of said bottom portion (110).

10 13. A box (100) according to claim 1, wherein said lid portion (120) is at least partially transparent.

14. A box (100) according to claim 13, wherein said lid portion (120) is provided with a magnifying glass (122) 15 integrated in its wall.

15. A protective unit (200) comprising a packaging and display box (100) according to claim 1 together with a tray (210) defining housing suitable for receiving said 20 packaging and display box (100) and provided with a heat-sealable film (220) closing said housing.

16. A protective unit (200) according to claim 15, wherein it further comprises a protective and packaging 25 case (230) suitable for surrounding said tray (210).

17. A protective unit (200) according to claim 16, wherein said protective and packaging tray (230) carries means (240) for visually identifying the type of 30 osteosynthesis kit (10) contained in said packaging and display box (100).

18. A protective unit (200) according to claim 15, wherein said protective case (230) comprises a bottom 35 portion and a lid portion that are movable relative to each other between an open position and a closed position, and in that said protective case further

comprises reversible closure means disposed on said bottom portion and on said lid portion and suitable for co-operating in said closed position.

5 19. A display chest (300) for distributing osteosynthesis kits (10), the display chest comprising a bottom portion (310) fitted with compartments (310a) each for receiving a respective protective unit (200) according to claim 18, and at least one lid portion (320a, 320b) movable relative to said bottom portion (310) and designed to close in reversible manner at least part of the space (330) defined by the bottom portion (310).

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